

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	Attorney Docket No.	2957-0136			
	First Inventor	Young Kil KWON			
	Title	SUPERCONDUCTING ROTOR WITH COOLING SYSTEM			

☒ **Applicant for Published Patent Application:**

Korea Electrotechnology Research Institute  
Kyungsangnam-do, Republic of Korea

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:** Assistant Commissioner of Patents  
Box Patent Application  
Washington, D.C. 20231

1. ☒ Fee Transmittal Form  
*(Submit an original, and a duplicate for fee processing)*

2. ☐ Applicant claims small entity status.

3. ☒ Specification      Total pages [ 34 ]  
*(preferred arrangement set forth below)*

- Descriptive title of the invention
- Cross references to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to sequence listing, a table or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings
- Detailed Description
- Claims
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 USC 113)    (Total Sheets) [ 3 ]

5. ☒ Oath or Declaration      (Total Pages) [ 4 ]

a. ☒ Newly executed (original or copy)

b. ☐ Copy from a prior application  
(37 CFR 1.63(d))  
*(for continuation/divisional with Box 17 completed)*

**[Note Box 5 below]**

i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,

6. ☐ Application Data Sheet.

7. ☐ CD-ROM or CD-R in duplicate, large table  
or Computer Program

8. Nucleotide and/or Amino Acid Sequence Submission

a. ☐ Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies); or

ii. ☐ paper

c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☒ Assignment Papers (cover sheet & document(s))

10. ☐ 37 CFR 3.73(b) Statement  
*(when there is an assignee)*

☐ Power of Attorney

11. ☐ English Translation Document *(if applicable)*

12. ☐ Information Disclosure Statement /PTO 1449

☐ Copies of IDS Citations

13. ☐ Preliminary Amendment

14. ☒ Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*

15. ☐ Certified Copy of Priority Document(s).

16. ☐ Request and Certification under 35 U.S.C.  
122(b)(2)(B)(i).

17. ☐ Other:

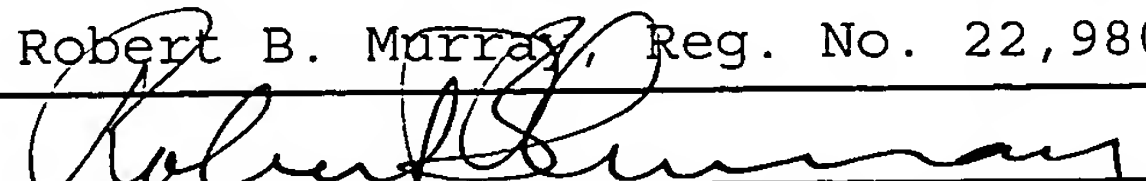
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below or in an application Data Sheet under 37 CFR 1.76::

☐ Continuation    ☐ Divisional    ☐ Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner \_\_\_\_\_ Group/Art Unit \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

☒ Customer Number or Bar Code Label **6449**

Address	Rothwell, Figg, Ernst & Manbeck Suite 800, 1425 K Street, N.W.				
City	Washington	State	D.C.	Zip Code	20005
Country	U.S.A.	Telephone	202-783-6040	Fax	202-783-6031
Name	Robert B. Murray, Reg. No. 22,980				
Signature				Date July 11, 2003	

19704 U.S. PTO  
10/516943  
07/11/03

07/11/03

15915 U.S. PTO

# **FEE TRANSMITTAL for FY 2003 (Large Entity)**

Complete if Known

		Application Number	New Application
		Filing Date	July 11, 2003
		First Named Inventor	Young Kil KWON et al
		Examiner Name	
		Group Art Unit	
Total Amount of Payment	(\$1,002	Attorney Docket Number	2957-136

19704 U.S. PTO

10/616943

07/11/03

## **METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge additional fees and credit any overpayment to Deposit Account Number 02-2135 in the name of Rothwell, Figg, Ernst & Manbeck
- ☐ Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status
2. ☒ Payment Enclosed
- ☒ Check
- ☐ Credit Card

## **FEE CALCULATION**

### **1. FILING FEE**

Fee Code	Fee \$	Fee Description	Fee Paid
1001	750	Utility filing fee	[750]
1002	330	Design Filing Fee	[ ]
1003	520	Plant Filing Fee	[ ]
1004	750	Reissue Filing Fee	[ ]
1005	160	Provisional Filing Fee	[ ]

**SUBTOTAL \$750**

### **2. CLAIMS**

Paid	Extra Claims	Fee	Fee
Total Claims [11] - 20** = [0] x \$18 = [ ]			
Independent Claims [6] - 3** = [3] x 84 = [252]			
Multiple Dependent Claims + 280 = [ ]			

\*\*or number previously paid, if greater;

**SUBTOTAL \$252**

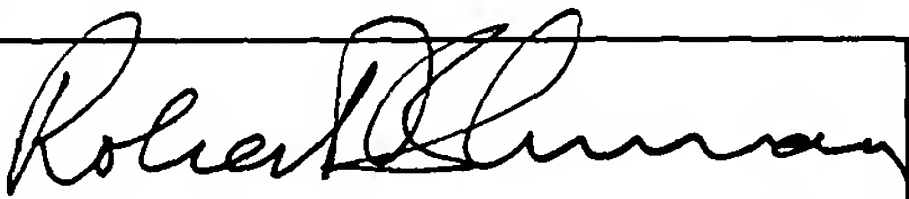
## **FEE CALCULATION (continued)**

### **3. ADDITIONAL FEES**

Fee Code	Fee Paid	Fee Description	Fee Paid
1051	130	Surcharge - late filing fee or oath	[ ]
1052	50	Surcharge - late provisional filing fee or cover sheet	[ ]
1053	130	Non-English specification	[ ]
1812	2,520	For filing a request for reexamination	[ ]
1804	920	Requesting publication of SIR prior to Examiner action	[ ]
1804	1,840*	Requesting publication of SIR after Examiner action	[ ]
1251	110	Extension for reply within first month	[ ]
1252	410	Extension for reply within second month	[ ]
1253	930	Extension for reply within third month	[ ]
1254	1,450	Extension for reply within fourth month	[ ]
1255	1,970	Extension for reply within fifth month	[ ]
1401	320	Notice of Appeal	[ ]
1402	320	Filing a brief in support of an appeal	[ ]
1403	280	Request for Oral Hearing	[ ]
1451	1,510	Petition to institute a public use proceeding	[ ]
1452	110	Petition to revive -unavoidable	[ ]
1453	1,300	Petition to revive - unintentional	[ ]
1501	1,300	Utility issue fee (or reissue)	[ ]
1502	470	Design issue fee	[ ]
1503	630	Plant issue fee	[ ]
1460	130	Petitions to the Commissioner	[ ]
1807	50	Processing fee under 37 CFR 1.17(q)	[ ]
1806	180	Submission of Information Disclosure Statement	[ ]
8021	40	Recording each patent assignment per property (times number of properties)	[ ]
1809	750	Filing a submission after final rejection (37 CFR .129(a))	[ ]
1810	750	For each additional invention to be examined (37 CFR 1.129(b))	[ ]
1801	750	Request for Continued Examination (RCE)	[ ]
1802	900	Request for expedited examination of a design application	[ ]
1504	300	Publication fee for early, voluntary, or normal publication	[ ]
1505	300	Publication fee for republication	[ ]
1455	200	Filing application for patent term adjustment	[ ]
1456	400	Request for reinstatement of term reduced	[ ]
		Other fee (specify)	[ ]

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL \$**

SUBMITTED BY		Complete (if applicable)	
NAME AND REG. NUMBER	Robert B. Murray, Reg. No. 22,980		
SIGNATURE		DATE	July 11, 2003
		DEPOSIT ACCOUNT USER ID	